

## Editorial

We are pleased to release the ninth volume of the **Progress in Computing Applications** and the first issue has three pieces of research.

In the opening paper on “**SQL Hadoop Processing Engines Using MapReduce**” the authors *Edson Ramiro Lucas Filho, Eduardo Cunha de Almeida* and *Stefanie Scherzinger* studied the SQL-on-Hadoop processing engines. The authors have proved that the SQLon-Hadoop engine Hive compiles SQL queries into physical query plans, single MapReduce jobs tend to be similar between query plans.

In the paper on “**Open source tools for querying Virtual Ontology**”, the authors *Lucas Peres, Ticiana Coelho da Silva, Jose Macedo* and *David Araujo* proposed the Von-QBE, an open source tool to query over RDF databases without any technical knowledge about RDF or the queried ontology structure. They presented various demonstration scenarios using the IMDB movie ontology.

In the next paper on “**Digitalising Dreams into Reality- Digital Orthodontics**”, the authors *Paridhi Gupta, Bhagyalaksmhi* and *Raghunath* used the digital technology for many activities from diagnosis to treatment planning, practice of diagnostically driven robotic assisted (DDRA) orthodontics all have improved to a great extent. It is proved that from Computed aided manufacture of hyrax devices, customized bracket production, soft tissue quantification in surgical cases to robotic wire bending, has led to the shift of the paradigm of orthodontics.

In last paper on “**Mining the interval pattern of the biomedical clusters using greedy algorithms**” the authors *Alexey Galatenko, Stepan Nersisyan,* and *Vera Pankratieva* applied a clustering approach based on that algorithm to the gene expression table from the dataset to mine interval pattern concepts. The resulting partition well agreed with a priori known biological factors.

We will bring more research in the next issue.

Editors